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STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10625201
Filing Date	2003-07-22
First Named Inventor	Davis, et al
Art Unit	2624
Examiner Name	Strege, John B.
Attorney Docket Number	M2058-6000

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4	5524064			1996-05-07	Oddou, et al.	
5	5557684			1996-09-17	Wang, et al.	
6	5559801			1996-09-24	Lobregt	
7	5570430			1996-10-29	Sheehan, et al.	
8	5631975			1997-05-20	Riglet, et al.	

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9	5694482		1997-12-02	Maali, et al.	
10	7062093		2006-06-13	Steger, Carstan	
11	7239929		2007-07-03	Ulrich, et al.	
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	1	Prosecution History of U.S. Patent No. 7,190,834.	<input type="checkbox"/>
	2	CHRISTIAN BALKENIUS and LARS KOPP, Elastic Template Matching as a Basis for Visual Landmark Recognition and Spatial Navigation, AISB workshop on "Spatial Reasoning in Mobile Robots and Animals", July 1997, pages 1-10.	<input type="checkbox"/>
	3	CHARLES F. NIEVEU, CHARLES R. DYER and ROLAND T. CHIN, Two-Dimensional Object Recognition Using Multiresolution Models, Computer Vision, Graphics, and Image Processing, 1986, pages 52-65.	<input type="checkbox"/>
	4	DARIO MAIO and DAVIDE MALTONI, Real-time face location on Gray-Scale Static Images, Pattern Recognition: The Journal of the Pattern Recognition Society, 2000, pages 1525-1539.	<input type="checkbox"/>
	5	ALEXA HAUCK, STEFAN LANSER and CHRISTOPH ZIERL, Hierarchical Recognition of Articulated Objects from Single Perspective Views, pages 1-7.	<input type="checkbox"/>
	6	MARTIN BICHSEL, Strategies of Robust Object Recognition for the Automatic Identification of Human Faces, 1991, pages 1-157.	<input type="checkbox"/>
	7	D.M. GAVRILA and I.S. DAVIS, 3-D Model-Based Tracking of Human Upper Body Movement: A Multi-View Approach, Computer Vision Laboratory, 1995, pages 253-258.	<input type="checkbox"/>
	8	T. SAKAI, M. NAGAO and S. FUJIBAYASHI, Line Extraction and Pattern Detection in a Photograph, Pattern Recognition, 1969, pages 233-248, Vol. 1.	<input type="checkbox"/>
	9	P. SEITZ, G.K. LANG, B. GILLIARD and J.C. PANDAZIS, The Robust Recognition of Traffic Signs From a Moving Car, pages 287-294	<input type="checkbox"/>
	10	W. ERIC and L. GRIMSON, On the Recognition of Parameterized 2D Objects, International Journal of Computer Vision, 1988, Kluwer Academic Publishers, Boston, MA, pages 353-372.	<input type="checkbox"/>

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11	GRAHAM K. LANG and PETER SEITZ, Robust Classification of Arbitrary Object Classes Based on Hierarchical Spatial Feature-Matching, Machine Vision and Applications, 1997, pages 123-135.	<input type="checkbox"/>
12	D.M. GAVRILA and L.S. DAVIS, 3-D Model-Based Tracking of Humans in Action: A Multi-View Approach, Computer Vision Laboratory, 1996, pages 73-80.	<input type="checkbox"/>
13	DANIEL TRETTER, CHARLES A. BOUMAN, KHALID W. KHAWAJA and ANTHONY A. MACIEJEWSKI, A Multiscale Stochastic Image Model for Automated Inspection, IEEE Transactions on Image Processing, December 1995, pages 1641-1654, Vol. 4, No. 12.	<input type="checkbox"/>
14	REQUEST FOR INTER PARTES, REEXAMINATION OF U.S. PATENT 7,190,834 with claim chart exhibits, P - Z, April 24, 2009.	<input type="checkbox"/>
15	ULRICH, MARKUS, Hierarchical Real-Time Recognition of Compound Objects in Images, Dissertationen, Verlag der Bayerischen Akademie der Wissenschaften in Kommission beim Verlag C. H. Beck, 2003	<input type="checkbox"/>
16	Order Granting/Denying Request for Inter Partes Reexamination, Control No. 95/001,180, 8/28/2009	<input type="checkbox"/>
17	Brief on Appeal, Third party in interest, requester, MVtec Software, GmbH, dated 6/23/2010	<input type="checkbox"/>
18	Corrected Brief on Appeal, Third party in interest, requester, MVtec Software, GmbH, dated 7/13/2010	<input type="checkbox"/>
19	Respondent Brief in Inter Partes Reexamination, Control No. 95/001,180, dated 7/23/2010	<input type="checkbox"/>
20	Action closing prosecution, Control No. 95/001,180, dated 12/23/2009	<input type="checkbox"/>
21	Cox, et al, Predicting and Estimating the Accuracy of a Subpixel Registration Algorithm, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol., 12, No. 8, August, 1990	<input type="checkbox"/>

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22	Feldmar, et al, 3D-2D Projective Registration of Free-Form Curves and Surfaces, Computer Vision and Image Understanding, Vol. 65, No. 3, 403-424, March 1997	<input type="checkbox"/>
23	Gennery, Donald B., Visual Tracking of Known Three-Dimensional Objects, International Journal of Computer Vision Ref. Pages 243 - 270, 1992	<input type="checkbox"/>
24	Jain, et al, Object Matching Using Deformable Templates, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 18, No. 3, Ref. Pages 267 - 278, March, 1996	<input type="checkbox"/>
25	LU, Shape Registration Using Optimization for Mobile Robot Navigation, Department of Computer Science, University of Toronto, Ref. Pages 1 - 163, Publication Date 1995	<input type="checkbox"/>
26	Wells, et al, Statistical Object Recognition, Submitted to the Department of Electrical Engineering and Computer Science Ref. Pages 1 - 177, Publication Date November 24, 1992	<input type="checkbox"/>
27	Zhang, et al, Iterative Point Matching for Registration of Free-Form Curves, 1 - 42, 2004	<input type="checkbox"/>

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